# SAF-RC-040 300 Area D&D Waste Characterization Sampling - Other Solid FINAL DATA PACKAGE

# COMPLETE COPY OF DATA PACKAGE TO:

Mike Stankovich

L1-01

KW 11/7/07

**COMMENTS:** 

SDG 07-A-6231

SAF-RC-040

Rad only

X Chem only

Rad & Chem

X Complete

Partial

Sample Location/Waste Site: 309 Bldg



11/6/07 Page 1 of 7

#### SUBMITTED TO:

Joan Kessner Washington Closure Hanford 2620 Fermi Avenue, MSIN H4-21 Richland, WA 99354



REFERENCE DATA:

Client Sample No.:

J15VV0 through J15VT9

P.O. No.:

Not Available

Sample Location:

309

Sample Type:

Bulk

Method Reference:

EPA-600/R-93/116

DCL Set ID No.:

07-A-6231

DCL Sample ID No.:

07-36143 through 07-36172

Sample Receipt Date:

11/1/07

Analysis Date:

11/5/07 through 11/6/07

We certify that the following samples were prepared and analyzed by Polarized Light Microscopy for asbestos and other fibrous constituents using EPA-600/R-93/116. The samples were acceptable upon receipt except where noted. The samples were examined under a stereomicroscope in a laboratory fume hood for general composition and phase separation. If needed, portions of the sample were removed and ground with a mortar and pestle before being mounted on a glass microscope slide. Mountings of representative portions of the material are prepared in one or more appropriate refractive index liquids (1.550, 1.605, 1.680) and examined by Polarized Light Microscopy\*. Estimates of concentration are made on an area basis. The results of the analysis apply only to the materials analyzed and are summarized on the attached bulk asbestos analysis data sheets. DataChem Laboratories will dispose of all bulk samples after 60 days unless other arrangements are made.

Shawn Smythe Analyst

Anna Marie Ristich

Reviewer

\*Floor tiles, decorative paints, joint compounds, and cement materials require additional treatment in order to evaluate the concentration of small asbestos fibers bound in the material. Some samples may contain fibers that are not visible by PLM and can only be detected by electron microscopy techniques. Floor tiles are analyzed as homogeneous materials if insufficient mastic is present or if phases have been cross contaminated.

DataChem Laboratories NVLAP Lab ID: 101917. Laboratory accreditation by the National Institute of Standards and Technology does not in any way constitute approval or endorsement by NVLAP, NIST, or any agency of the federal government...

CINCINNATI OFFICE 4388 GLENDALE-MILFORD ROAD CINCINNATI, OHIO 45242-3708 513 733-5336, FAX 513 733-5347

WEST COAST OFFICE 11 SANTA YORMA COURT NOVATO, CALIFORNIA 94945 800 280-8071, FAX 415 893-9469

Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6231

Client Sample ID:	J15VV0	J15VP1	J15VP2	J15VP3	J15VP4
DCL Sample ID:	07-36143	07-36144	07-36145	07-36146	07-36147
Macroscopic Examination					0, 001,,
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Homog.
Color:	Grey	Grey	Grey	Grey	Grey
Texture:	Pwdry/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs
Description:	Material	Material	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					1 2017
% Chrysotile:	>20≤30	>5≤10	>5 ≤ 10	>5 ≤ 10	>5≤10
% Amosite:		>1≤3	>1≤3	>1≤3	>1 ≤ 3
% Crocidolite:					125
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>20 ≤ 30	>6≤13	>6≤13	>6≤13	>6≤13
Other Materials					- 0215
% Cellulose:					
% Fiberglass:		>20≤30	>20≤30	>20≤30	>20≤30
% Other Fibers:	>5 ≤ 10	>5≤10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10
					10
% Resin/Binder:					
% Non Fibrous:	>50 ≤ 60	>40≤50	>40 ≤ 50	>40 ≤ 50	>40≤50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P.O. #: Not Available.



All values are in area percent by visual estimate. The Federal Register Vol. 55 No. 224 Tuesday Nov. 20 1990 Rules and Regulations states "... If the asbestos content is estimated to be less than 10% by a method other than point counting,... (the analysis) be repeated using the point counting technique by PLM." Any of the above samples can be reanalyzed by point counting at the client's request. Wherever possible, separate phases are analyzed and reported individually.

Client: Washington Closure Hanford

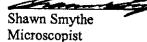
Location: 309 Set ID: 07-A-6231

Client Sample ID:	J15VP5	J15VP6	J15VP7	T163/D0	TICLIDO
DCL Sample ID:	07-36148	07-36149	07-36150	J15VP8	J15VP9
Macroscopic Examination	07-30148	07-30149	07-36130	07-36151	07-36152
Accepted/Rejected:	Accepted	Accepted	Accepted	A a manufacid	
Homogeneity:	Layered	Layered	Homog.	Accepted	Accepted
	Inseparable	Inseparable	nomog.	Layered	Homog.
Color:	Yellow/Black	Yellow/Black	Grey	Inseparable Yellow/Grey	0
Texture:	Fbrs/Resns	Fbrs/Resns	Crmby/Fbrs	Fibrous	Grey
Description:	Insulation	Insulation	Material	Insulation	Crmby/Fbrs
Analysis:	PLM	PLM	PLM	PLM	Material PLM
Asbestiform Minerals			I DIVI	I LIVI	FLIVI
% Chrysotile:			>5≤10	>5≤10	
% Amosite:			>1≤3 >1≤3	>1≤10 >1≤3	
% Crocidolite:			7133	~ 1 <del>3</del> 1 3	
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND	ND	>6≤13	>6≤13	ND
Other Materials					
% Cellulose:					
% Fiberglass:	>90 ≤ 100	>80 ≤ 90	>20 ≤ 30	>60≤70	>20≤30
% Other Fibers:		>3≤5	>5 ≤ 10	>5≤10	~20 ≤ 30
		- <del>- •</del>	V — 10	, J = 10	
% Resin/Binder:	>3 ≤ 5	>1≤3			
% Non Fibrous:	>1≤3	>1≤3	>40 ≤ 50	>5 ≤ 10	>60≤70

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.



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Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6231

Client Sample ID:	J15VR0	J15VR1	J15VR2	J15VR3	J15VR4
DCL Sample ID:	07-36153	07-36154	07-36155	07-36156	07-36157
Macroscopic Examination		· · · · · · · · · · · · · · · · · · ·			07 30137
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Homog.	Homog.	Homog.
	Inseparable	Inseparable	3		moniog.
Color:	Yellow/Grey	Yellow/Grey	Grey	Grey	Grey
Texture:	Fbrs/Crmby	Fbrs/Crmby	Crmby/Fbrs	Pwdry/Fbrs	Crmby/Fbrs
Description:	Insulation	Insulation	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals			· · · · · · · · · · · · · · · · · · ·		
% Chrysotile:			>5≤10	>20≤30	>5≤10
% Amosite:			>1≤3	>5≤10	>1≤3
% Crocidolite:				V — 10	- 1 = 3
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND ND	ND	>6≤13	>25 ≤ 40	>6≤13
Other Materials					<u> </u>
% Cellulose:					
% Fiberglass:	>70 ≤ 80	>70 ≤ 80	>20≤30		>20≤30
% Other Fibers:	>3≤5		>5≤10	>10≤20	>5≤10
				<del> </del>	2210
% Resin/Binder:					
% Non Fibrous:	>10 ≤ 20	>10≤20	>40 ≤ 50	>30≤40	>40 ≤ 50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

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Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6231

Client Sample ID:	J15VR5	J15VR6	J15VR7	TIEVDO	71.53 77.0
DCL Sample ID:	07-36158	07-36159	07-36160	J15VR8	J15VR9
Macroscopic Examination	0, 30130	07-30139	07-30100	07-36161	07-36162
Accepted/Rejected: Homogeneity:	Accepted Homog.	Accepted Layered Inseparable	Accepted Homog.	Accepted Homog.	Accepted Homog.
Color: Texture: Description: Analysis:	Grey Crmby/Fbrs Material PLM	Yellow/Grey Fibrous Insulation PLM	Grey Crmby/Fbrs Material PLM	Grey Crmby/Fbrs Material PLM	Grey Crmby/Fbrs Material PLM
Asbestiform Minerals				I DIVI	FLIVI
% Chrysotile:	>5 ≤ 10		>5≤10	>5 ≤ 10	\5 ~ 10
% Amosite:	>1≤3		>1≤3	>1 ≤ 3	>5 ≤ 10
% Crocidolite:			7133	\123	>1 ≤ 3
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>6≤13	ND	>6≤13	>6≤13	>6≤13
Other Materials % Cellulose:	- · · · · · · · · · · · · · · · · · · ·		<u> </u>		70313
% Fiberglass:	>20≤30	>80≤90	>20≤30	>20≤30	>20 - 20
% Other Fibers:	>5 ≤ 10	>5≤10	>5 ≤ 10	>5 ≤ 10	>20 ≤ 30 >5 ≤ 10
% Resin/Binder:					
% Non Fibrous:	>40 ≤ 50	>1≤3	>40 ≤ 50	>40≤50	>40≤50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.

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Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6231

	·····	<del></del>	···		
Client Sample ID:	J15VT0	J15VT1	J15VT2	J15VT3	J15VT4
DCL Sample ID:	07-36163	07-36164	07-36165	07-36166	07-36167
Macroscopic Examination			·		
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Layered	Layered	Layered	Homog.
	•	Inseparable	Inseparable	Inseparable	-1011106.
Color:	Grey	Yellow/Grey	Yellow/Black	Yellow/Grey	Grey
Texture:	Crmby/Fbrs	Fibrous	Fbrs/Resns	Fibrous	Crmby/Fbrs
Description:	Material	Insulation	Insulation	Insulation	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					1 24.2
% Chrysotile:	>5≤10			>1≤3	
% Amosite:	>1≤3			Trace	
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>6≤13	ND	ND	>1≤3	ND
Other Materials				<del> </del>	1,2
% Cellulose:					
% Fiberglass:	>20≤30	>80≤90	>70 ≤ 80	>80≤90	>30 ≤ 40
% Other Fibers:	>5≤10	>5≤10	>5≤10	>5≤10	- 50 -3 -10
% Resin/Binder:			>3≤5		
% Non Fibrous:	>40 ≤ 50	>1≤3	>3 ≤ 5	>1≤3	>50 ≤ 60

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.

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Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6231

Client Sample ID:	J15VT5	J15VT6	J15VT7	J15VT8	II 63/TO
DCL Sample ID:	07-36168	07-36169	07-36170	07-36171	J15VT9
Macroscopic Examination			07-30170	07-30171	07-36172
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	A 4 - 1
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Accepted
Color:	Grey	Grey	Grey	Grey	Homog.
Texture:	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Grey
Description:	Material	Material	Material	Material	Crmby/Fbrs Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals	<del></del>	····		1 15141	FLM
% Chrysotile:	>5 ≤ 10	>5≤10	>5≤10	>5≤10	\S ~ 10
% Amosite:	>1≤3	>1≤3	>1≤3	73 3 10	>5≤10
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>6≤13	>6≤13	>6≤13	>5≤10	\E ~ 10
Other Materials				73310	>5≤10
% Cellulose:					
% Fiberglass:	>20≤30	>20 ≤ 30	>20 ≤ 30	>20≤30	>20≤30
% Other Fibers:	>5 ≤ 10	>5≤10	>5 ≤ 10	>5 ≤ 10	
				> J = 10	>5 ≤ 10
% Resin/Binder:					
% Non Fibrous:	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.

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Washington Closure Hanford	sure Hanford CHAIN OF CUSTODY/S.								DUEST	r	RO	C-040-334	Page 5	of <u>14</u>
Collector Mike Stankovich	Compa	nv Contact Stankovich	Telepho 531-	one No.				Projec	t Coordi		Price Code		ــــــــــــــــــــــــــــــــــــــ	rnaround
Project Designation 300 Area D&D Waste Characterization Sampling - Other	r Soli Sampli	ng Location	23/07	-				SAF N RC-04	io.				7 ]	Days
Ice Chest No.  FED EX BOX	Field I	ogbook No. 518-9		COA See be					d of Shin		<u></u>	<u> </u>		<del></del>
Shipped To DataChem Laboratories - Cincinnati	Offsite	Property No.	2800.	22	<u>-</u>			Bill of	Lading/ OSPC		No.		<u> </u>	
POSSIBLE SAMPLE HAZARDS/REMARKS			1	-o_			Γ	1	OSFC	Ι	Τ	<del></del>	<del></del> -	
Asbestos & Be	~	Preservation	None											
Special Handling and/or Storage		Type of Container	G/P											
07 A-6	231	No. of Container(s)  Volume	1 5g					-		_				
SAMPLE ANALYS	'		Asbestos- BULK-EPA				_							
Sample No Matrix *	Sample Date	Sample Time	Egypte i like Televij		Caliva.				<del></del>					
JISVPO 315 VUO 36 NH 3 OTHER SOLID	10-27-07		人		ya Kale Gar e				J. 346					
14000	10-29-0	07	*	<del>                                     </del>	_							<del> </del> -		<del> </del>
J15VP2 36145 OTHER SOLID		0818	1	+					_		<u> </u>	<del></del>		<del></del>
J15VP3 3614 6 OTHER SOLID	_	0 821	-	+-	<del></del> -	╌┨		<del></del>				-		<u> </u>
J15VP4 36 (47 OTHER SOLID		0824	t	<del>                                     </del>				<del>-   -</del>						<del> </del>
CHAIN OF POSSÉSSION	Sign/Print		<u> </u>	Ts.	PECIAL	INSTRI	UCTIO	Ne.			_	<u>.l</u> i		24-1
	Received By/Store		te/Time	] 1	Laboratory A	Analysis,	Data Mai	nagemen	t, and Ship	ping COA	- RD4MXX2F00	)		Matrix *
Relinquished By/Removed From Date/Time	3728/2 Received By/Store													S=Soil SE=Sedimen
3728/28 10-3007 0900	KM5 inste		te/Time 1 <i>7 09</i>	00	Sample	r unava	illabic to	renngi	lisn					SO=Solid Si=Studge W = Water
Retinquished By/Removed Free Date/Time	Received By/Store	din Da	te/Time		3728 C	ustodiar	7/48 Kei	od com	nlas 6-		•			O=Oil A=Air
Relinquished By/pages of Frim Date/Time	FEDE				shippin	g on 🚜	2130	107	ines fot					DS=Drum Solids DL=Drum Liquids
Trem Cars Time	Received By Store	Da Da	te/Time メミルヘ	_ ,				••	• •.					T=Tissue WI=Wipe
Relinquished By/Removed From Date/Time	Received By/Store	d In Da	<u>  31                                 </u>	<del>-</del>	>( <i>&gt;</i>									L=Liquid V=Vegetation X=Other
Relinquished By/Removed From Date/Time	Received By/Store	l Iu Dai	te/Time	$\dashv$										
LABORATORY Received By SECTION			77 Ti	tie	<del>-</del> /		7	<del></del>			<del></del>	/_ /_ Da	te/Time	<u> </u>
FINAL SAMPLE Disposal Method DISPOSITION			<u> </u>	110	, (	Dispose	ed By					(D/3)	ate/Time	5/5
WCH-EE-011	<del></del>		··· <u>-</u>											

	Washington Closure Hanford CHAIN OF CUSTODY/SAM								PLE ANALYSIS REQUEST RC-040-334 Page 1					
Collector Mike Stankovich	····	Compa	any Contact Stankovich	Telepho 531-7	one No.				Project Coord KESSNER, JH	inator	Price Code	·	Data Ti	urnaround
Project Designation 300 Area D&D Waste Chara	cterization Sampling - Or		ing Location	p/23/07					SAF No. RC-040				7 ]	Days
Ice Chest No. <i>FFD E</i>	X BOX		L <b>ogbook No.</b> 1518-9		CO. See t	A below			Method of Shipment Federal Express					
Shinned To DataChem Laboratories - Ci		Offsite	Property No.	408	003	2 R			Bill of Lading		No.		<del></del>	<del></del> -
POSSIBLE SAMPLE HAZA	ARDS/REMARKS	•		1		T			300010	T	T		r	<u> </u>
Asbestos & Be			Preservation	None										
Special Handling and/or S	Storage		Type of Container	G/P										
			No. of Container(s)	1										
			Volume	5g							<u> </u>			
	SAMPLE ANAL		231	Asbestos- BULK-EPA			_							
Sample No.	Matrix *	Sample Date	Sample Time					- 1819 v		ing is				
J15VP5 36148	OTHER SOLID	10-29-0	7 0827	X									1	
J15VP6 36149	OTHER SOLID	$\overline{C}$	0830	*	1					<u> </u>	<del></del>	<del> </del>		╂
J15VP7 36(50)	OTHER SOLID		0833	7	<b>—</b> —				<del></del>	<b></b> -	<del>- </del>	<del>                                     </del>		<del> </del>
J15VP8 36151	OTHER SOLID		0 836	*						-		<del> </del>	-	┼──
J15VP9 36152	OTHER SOLID		0839	۲					-	<del> </del> -	<del></del>			+
CHAIN OF POSSESSIO		Sign/Print	Names	<u></u>	15	SPECIA	L INSTRI	UCTIO	 2V			<u> </u>		Matrix *
Relinquished By/Removed From	Date/Time / 332	Received By/Store		ite/Time		Laborato	ry Analysis,	Data Mar	nagement, and Ship	ping COA	- RD4MXX2F00	1		S=Soil
Relinquished By/Removed From 3728/28 /0	Date/Time	Received By/Store	d In Da	tc/Time			samples fro	m 3728	to relinquish Ref# <i>2B</i>					SE=Sediment SO=Solid SI=Studge W = Water
Relinquished By/Removed From Relinquished By/Removed From	Date/Time  -3007   500  Date/Time	Received By/Store	Da Da	te/Time		\$	3728 Custo shipping on	dian ren	noved samples f	or				OOil AAir DSDrum Solids DLDrum Liquid
Relinquished By/Removed From	Date/Time	Received By/Store		10/Time	1/2	7	157	-	_					T=Tissue WI=Wipe L=Liquid
		Received By/2tone	ed In Da	te/Time		,	<u> </u>	7						V=Vrgctation X=Other
Relinquished By/Removed From	Date/Time	Received By/Store	d In Da	te/Time										
LABORATORY Received By SECTION	1			Tit	lc		· 		<del></del>	<del></del> -		12:/ Da	tte/Time	
FINAL SAMPLE Disposal Me DISPOSITION	ethod		V	<u> </u>	<del></del>		Dispose	ed By		<del>-</del>	(6	<u>15157</u> Da	/5/5	<del> </del>
VCH-EE-011			<del>-</del>						<del></del>					

Washington Closu	re Hanford	C	HAIN OF CUST	TODY/S	AMP	LE ANAI	VCIC	PEOUES	т I	RC-040-334 Pa			of <u>14</u>
Collector Mike Stankovich		Comp	any Contact Stankovich	Telepho 531-7	ne No.	DD THIRD	1010	Project Coord KESSNER, JH	inator	Price Code			urnaround
Project Designation 300 Area D&D Waste Chara	acterization Sampling - Ot		ing Location 80° 309	- 10/29	107			SAF No. RC-040				7]	Days
Ice Chest No.	XBOX		Logbook No. 1518-9	_	COA See be	low		Method of Shir Federal Expr			<del></del>		
Shipped To  DataChem Laboratories - Ci	incinnati	Offsite	Property No.	4080	62R			Bill of Lading Sc OSPC		¥o.	<del></del> -		
POSSIBLE SAMPLE HAZA	ARDS/REMARKS	-			Ī		T-	1 30 0010	1			ı	-1
Asbestos & Be			Preservation	None									
Special Handling and/or :	Storage		Type of Container	G/P									
			No. of Container(s)	l 	<u></u>								
			Volume	5g							1		
	SAMPLE ANALY		231	Asbestos- BULK-EPA									
Sample No.	Matrix *	Sample Date	Sample Time		Poruse evic								
J15VR0 36 153	OTHER SOLID	10-29-0	<del></del>	人	A STACKER CO.	AND SHAPE SEA	-						
J15VR1 36154	OTHER SOLID	/	0845	X	<del> </del>	<del>-  </del>	<b> </b> -		<u> </u>		<b>-</b>		<b>∔</b>
J15VR2 36155	OTHER SOLID		0848	-7			<del>                                     </del>						<del> </del>
J15VR3 36156	OTHER SOLID	7,01	80 85A	*	Time	0851		<del>-  </del> .					<del> </del>
J15VR4 36 (57	OTHER SOLID	V	0854	7	TIME	<u> 4857</u>	<del>                                     </del>		<u> </u>		<del></del>	<del></del>	<del> </del>
CHAIN OF POSSESSIO		Sign/Print	Names		SP	ECIAL INSTR	LCTIC	NIC .	<u>.                                    </u>			<u> </u>	
Relinquished By/Removed From	Date/Time /330			te/Time	L	horatory Analysis	, Data Ma	nagement, and Ship	pping COA -	RD4MXX2F00	)		Matrix *
Relinquished By/Removed From	29/07 Date/Time	Received By/Store				Sampler unav	auanie r	O Telinguich					S=Soil SE=Softment
3728/2B 10-	30-07 1900	Mindel		te/Time #G		samples from 3728 Custodi	an remo	Wed ramalas for					SO=Solid SI=Sladge
Relinquished By/Removed From		Received By/Store	d In Da	te/Time		shipping on_	10 130	2/07					W = Water O=Oil A=Air
Kelinquished By/Remoted From	78 07 /500 Date/Time	FED,											DS=Drum Solids DL=Drum Liquids
		Received BylStore	d In Da	te/Time	21/2	J/F	7+-						T=Timec Wir-Wipc
Relinquished By/Removed From	Date/Time	Received By/Store	d In Dai	te/Time	<del>2</del> / C	740							L=Lxquid V=Vegetation
Relinquished By/Removed From	Date/Time	Received By/Store	d In Dat	te/Time	$\dashv$								X=Other
LABORATORY Received By SECTION	TT T	<u></u>		Title		<del></del>		<del></del> -	- 		1 pe	tc/Time	
FINAL SAMPLE Disposal Mc DISPOSITION	thod	7	$\longrightarrow$	<del>.</del>		Dispos	sed By				<u> </u>	$Z / S_{\eta}$	15
——————————————————————————————————————		<del></del>											

Washington Closu	re Hanford	C	HAIN OF CUST	TODY/S	SAMP	LE	ANAL	VSIS	REQUES		F	C-040-334	Page §	of 14
Collector Mike Stankovich		Comp	nv Contact Stankovich	Telepho 531-7	ne No.				Project Coor KESSNER, J	dinator	Price Code		<u> </u>	urnaround
Proiect Designation 300 Area D&D Waste Chara	cterization Sampling - Oth	Sampler Soli 3.71	ing Location	10/29/	67			•	SAF No. RC-040				7	Days
Ice Chest No. FED	EX BOX		Logbook No. 1518-9		COA See be				Method of Sh Federal Exp					
Shipped To DataChem Laboratories - Ci	ncinnati	Offsite	Property No.	A08	002	p .	·		Bill of Ladin		No.			<u>_</u>
POSSIBLE SAMPLE HAZA	ARDS/REMARKS	_		1					T 300 031 C	Τ			1	- <del> </del>
Asbestos & Be		·	Preservation	None							İ			
Special Handling and/or S	Storage		Type of Container	G/P										<del>                                     </del>
			No. of Container(s)	1		_								
			Volume	5g										
623	SAMPLE ANALY	sis	- 3	Asbestos- BULK-EPA			_			-				
Sample No.	Matrix *	Sample Date	Sample Time	ang da sangar	n parabet			Salat Pin						
J15VR5 36158	OTHER SOLID	10-29-07	<del></del>	k	45.00	_								
J15VR6 36159	OTHER SOLID	~ (	0900	<u>×</u> بر	1					+	<del></del>		<b></b>	<del></del>
J15VR7 36160	OTHER SOLID		0903	×	<del>                                     </del>	+			_	+			<del></del>	
J15VR8 36161	OTHER SOLID	1	0906	×	-				<del></del> -		<del></del>			
J15VR9 36(62	OTHER SOLID	3	0907	عز ا	<del> </del>	$\neg +$	<del></del>	<del> </del>	<del></del>	┿		<del> </del>	<b></b>	<del> </del>
CHAIN OF POSSESSIO	N	Sign/Print			- Isi	PECIA	L INSTR	UCTIO	NC .				<u> </u>	1
Relinquished By/Removed From	Date/Time  Date/Time  Date/Time  Date/Time  Date/Time  Date/Time	Received By/Store	d In Da	te/Time  7  Wite/Time  7  Title  Title  Title	32	aborato	Sampler ur Samples fro	Data Mar tavailab ini 3728	nagement, and Sh nagement, and Sh le to retinquish Ref # 28 moved samples		- RD4MXX2F		≭e∕Time	Matrix *  S-Soll SE-Sentiment SO-Solid SI-Sladge W - Water O-Oil A-Air DS-Orum Solids DU-Frimin I. quids T-775866 WI-Wipe LU-Light V-Vegetation X-Other
FINAL SAMPLE Disposation	thod						Dispose	d By		<del></del> -	<del></del>	(0/3/1	67	45
NOU SE OM								-				D	m ime	

Washington Closure Hanford	CHA	AIN OF CUST	TODY/S	AMPL	E ANAL	YSIS	REOUES	Т	RO	C-040-334	Page 2	of <u>14</u>
Collector Mike Stankovich	Company	Contact nkovich	Telepho 531-7	ne No.			Proiect Coord KESSNER, JH	inator	Price Code	<del></del>	Data Ti	rnaround
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli	Sampling 3718G		10/27/01	7			SAF No. RC-040				7]	Days
Ice Chest No.  FED EX BOX	Field Log EL-151	book No.		COA See below	,		Method of Shi Federal Expr				·	
Shipped To DataChem Laboratories - Cincinnati	Offsite Pr	roperty No.	0800	270	Bill of Lading/Air Dill No.							
POSSIBLE SAMPLE HAZARDS/REMARKS				100	T	┰┈┵	See OSPC			Т		<u></u>
Asbestos & Be		Preservation	None									
Special Handling and/or Storage	-	Type of Container	G/P						<del></del>	<del> </del>	!	<del>                                     </del>
	I	lo. of Container(s)	1				-					
		Volume	Σ́g			†		<del> </del>	<del></del>			<del>                                     </del>
SAMPLE ANALYSIS			Asbestos- BULK-EPA									<del>  -</del>
	02.	31										
	ole Date	Sample Time										Total Colonia
	-29-07	0912	X									1 2 2 2 2 2 2 2
J15VT1 3664 OTHER SOLID		0915	せ					<u> </u>		<del>                                     </del>		<del> </del>
J15VT2 36(65 OTHER SOLID	_{	09.8	×				<del></del> -			┿		<del> </del>
J15VT3 30166 OTHER SOLID		0921	~				<del></del>	<del>                                     </del>		<del> </del>		<del> </del>
J15VT4 36167 OTHER SOLID	V	0924	¥		<del>† -</del>	<del>                                     </del>	<del>-  </del>	<del>-</del>	<del></del>	<del> </del>		<del> </del>
	ign/Print Na	mes	<u> </u>	SPEC	IAL INSTR	LICTION	JS			<u> </u>		None in the
MLLE MStanbouch 10/29/07 37	Ed By/Stored In		18/Time 1330	Labo	atory Analysis,	Data Man	agement, and Ship	ping COA	- RD4MXX2F00	)		Matrix * S=Soit SE=Sediment
Received Received From Date/Time Received 8728 1215 10-30-07 1986 Kill	d By/Stored Ir	) ****	te/Time		npler unavail iples from 37	able to rei	inguish					SO=Solid SI=Studge
7	d By/Stored M	10-30-07	e/Time	37:	8 Custodian	removed	samples for					W = Water O=Oil
18 18 18 18 18 18 18 18 18 18 18 18 18 1	ED É	X	o i mic	shi	oping on 10	130	07					A=Air DS=Drum Solids
Relinquished By/Romoved From Date/Time Receive	ed By/Stored in	Da	Time	7-	10.0	7						DL=Drum Liquids T=Tissue
telinquished By/Removed From Date/Time Receive	d By Stored In	Dai	e/Time	14 (°	731	ノナ	-					WI=Wipe L=Liquid V=Vegetation X=Other
elinquished By/Removed From Date/Time Receive	d By/Stored In	Dat	e/Time									~~omer
LABORATORY SECTION Received By	7	<u> </u>	Tid	c	·	<del>-</del>			. /	(21/2 Da	ke/Time	
FINAL SAMPLE Disposal Method	<del>`</del>								1.0/	ZI ( F	/ )7	8

Washington Closus	re Hanford	CI	HAIN OF CUST	TODY/S	AMPLE	ANAL	VSIS	REOUES	T	Re	C-040-334	Page 10	of <u>14</u>
Collector Mike Stankovich		Compa	nov Contact Stankovich	Telepho 531-7	ne No.	- 1111112	1010	Proiect Coord KESSNER, JH	linator	Price Code		<u>l.</u>	rnaround
Proiect Designation 300 Area D&D Waste Charac	cterization Sampling - Oth	er Soli Sampl	ing Location	0 10(23)	107			SAF No. RC-040			·	7 I	Days
Ice Chest No.	EX BOX	Field 1	Logbook No. 1518-9		COA See below			Method of Shi					
Shinned To DataChem Laboratories - Cir	ncinnati	Offsite	Property No.	4080	020	_		Bill of Lading		No.	·		<del></del>
POSSIBLE SAMPLE HAZA	RDS/REMARKS			T 00	<u> </u>	Γ	Γ .	1 See OSFC	т	<del></del>	7	1	η
Asbestos & Be			Preservation	None									
Special Handling and/or S	Storage		Type of Container	G/P									
·			No. of Container(s)	1 5 7	<del> </del> _								
	- <del>**-</del>		Volume	5g									
	SAMPLE ANALY	_	231	Asbestos- BULK-EPA		:							
Sample No.	Matrix *	Sample Date	Sample Time			Periodo Periodo P	19 Miles			Topica a			
J15VT5 30168	OTHER SOLID	10-29-0	7 0927	人		<u> </u>			1 -				
J15VT6 3616	OTHER SOLID		0930	7	$\vdash$		┝──		+		<u> </u>		<del> </del>
J15VT7 36170	OTHER SOLID		0933	t	<del> </del>	<del> </del> -	<del>                                     </del>		+	<del></del>	+		<del> </del>
J15VT8 36171	OTHER SOLID		0936	X		-	<del> </del>		+		<del></del>	<del></del>	<del> </del>
J15VT9 36172	OTHER SOLID	<u> </u>	0939	7	-				-	<del></del>			<del> </del>
CHAIN OF POSSESSIO	N	Sign/Print		1	SPEC	IAL INSTR	Herric	Nic .			<u> </u>	<del></del>	 
Relinquished By/Removed From	Date/Time 30-07 0900	Received By/Ston  Received By/Ston  Received By/Ston  Received By/Ston  Received By/Ston  Received By/Ston	Da 10/2967 Da 10/2967 Ext In Da 20/29 Ext In Da	ate/Time  /3.3  Ate/Time  Ate/Time  Ate/Time  Ate/Time	Labor S S 3	atory Analysis, ampler unava amples from	, Data Ma ailable to 3728 Re an remo	o relinquish  of # 48.  oved samples for	pping COA	A - RD4MXX2F0	0		Matrix *  S-Soil SE-Sediment SO-Sobbl SI-Shadge W = Water O-Oil A-Air DS-Drinen Solids DL-Drinen Liquids T=Tissue W]-Wape L-Liquid V=Vegetation
Relinquished By/Removed From  LABORATORY   Received By	Date/Time	Received By/Store		te/Time	le le	·· <del>····</del> ··	<del></del>	<u> </u>				A. (T.)	X=Other
SECTION FINAL SAMPLE Disposal Me	thod.				\ <u>-</u>		•			/	0/21/8	ite/Time 7 /5/	16
DISPOSITION	<u> </u>			<u>\</u>	)	Dispos	ied By				/ D	ate/Time	